

STN/110783

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PASSWORD:

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* * * * * Welcome to STN International * * * * *

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NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 AUG 09 INSPEC enhanced with 1898-1968 archive
NEWS 4 AUG 28 ADISCTI Reloaded and Enhanced
NEWS 5 AUG 30 CA(SM)/CAplus(SM) Austrian patent law changes
NEWS 6 SEP 11 CA/CAplus enhanced with more pre-1907 records
NEWS 7 SEP 21 CA/CAplus fields enhanced with simultaneous left and right
truncation
NEWS 8 SEP 25 CA(SM)/CAplus(SM) display of CA Lexicon enhanced
NEWS 9 SEP 25 CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS 10 SEP 25 CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS 11 SEP 28 CEABA-VTB classification code fields reloaded with new
classification scheme
NEWS 12 OCT 19 LOGOFF HOLD duration extended to 120 minutes
NEWS 13 OCT 19 E-mail format enhanced
NEWS 14 OCT 23 Option to turn off MARPAT highlighting enhancements available
NEWS 15 OCT 23 CAS Registry Number crossover limit increased to 300,000 in
multiple databases
NEWS 16 OCT 23 The Derwent World Patents Index suite of databases on STN
has been enhanced and reloaded
NEWS 17 OCT 30 CHEMLIST enhanced with new search and display field
NEWS 18 NOV 03 JAPIO enhanced with IPC 8 features and functionality
NEWS 19 NOV 10 CA/CAplus F-Term thesaurus enhanced
NEWS 20 NOV 10 STN Express with Discover! free maintenance release Version
8.01c now available
NEWS 21 NOV 13 CA/CAplus pre-1967 chemical substance index entries enhanced
with preparation role
NEWS 22 NOV 20 CAS Registry Number crossover limit increased to 300,000 in
additional databases
NEWS 23 NOV 20 CA/CAplus to MARPAT accession number crossover limit increased
to 50,000
NEWS 24 NOV 20 CA/CAplus patent kind codes will be updated
NEWS 25 DEC 01 CAS REGISTRY updated with new ambiguity codes
NEWS 26 DEC 11 CAS REGISTRY chemical nomenclature enhanced

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8
NEWS X25 X.25 communication option no longer available

by Primary Examiner Cynthia Hamilton

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S11/110763

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:03:45 ON 11 DEC 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:04:06 ON 11 DEC 2006

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 10 DEC 2006 HIGHEST RN 915124-84-4

DICTIONARY FILE UPDATES: 10 DEC 2006 HIGHEST RN 915124-84-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> s methyl hydroxystyrene

17113346 METHYL

495 HYDROXYSTYRENE

L1 3 METHYL HYDROXYSTYRENE

(METHYL(W)HYDROXYSTYRENE)

=> d 1-3

L1 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2006 ACS on STN

RN 404943-71-1 REGISTRY

ED Entered STN: 10 Apr 2002

CN 2-Propenoic acid, 2-methyl-, 2-ethyl-2-[[2-methyl-1-oxo-2-propenyl)oxy]methyl]-1,3-propanediyl ester, polymer with 1,1-dimethylethyl 2-methyl-2-propenoate and ethenyl(trifluoromethyl)phenol (9CI) (CA INDEX NAME)

OTHER NAMES:

CN tert-Butyl methacrylate-trifluoromethylhydroxystyrene-

by Primary Examiner Cynthia Hamilton

S11/110763

trimethylolpropane trimethacrylate copolymer

MF (C18 H26 O6 . C9 H7 F3 O . C8 H14 O2)x

CI PMS

PCT Polyacrylic, Polystyrene

SR CA

LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

CM 1

CRN 404943-70-0

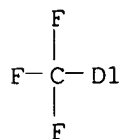
CMF C9 H7 F3 O

CCI IDS



D1-CH=CH2

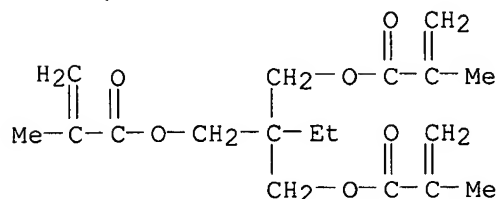
D1-OH



CM 2

CRN 3290-92-4

CMF C18 H26 O6



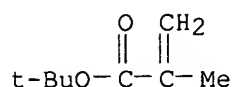
CM 3

CRN 585-07-9

CMF C8 H14 O2

by Primary Examiner Cynthia Hamilton

S11/110763



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2006 ACS on STN
RN 284035-34-3 REGISTRY
ED Entered STN: 08 Aug 2000
CN 2-Propenoic acid, 2-methyl-, 1-ethylcyclopentyl ester, polymer with
1,4-bis(2-chloroethoxy)butane and (1-methylethenyl)phenol (9CI) (CA INDEX
NAME)

OTHER CA INDEX NAMES:

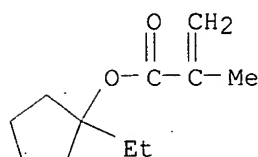
CN Butane, 1,4-bis(2-chloroethoxy)-, polymer with 1-ethylcyclopentyl
2-methyl-2-propenoate and (1-methylethenyl)phenol (9CI)
CN Phenol, (1-methylethenyl)-, polymer with 1,4-bis(2-chloroethoxy)butane and
1-ethylcyclopentyl 2-methyl-2-propenoate (9CI)

OTHER NAMES:

CN 1,4-Butanediol dichloroethyl ether- α -methylhydroxystyrene-1-
ethylcyclopentyl methacrylate copolymer
MF (C11 H18 O2 . C9 H10 O . C8 H16 Cl2 O2)x
CI PMS
PCT Polyacrylic, Polyether, Polystyrene
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

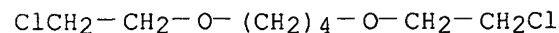
CM 1

CRN 266308-58-1
CMF C11 H18 O2



CM 2

CRN 67439-84-3
CMF C8 H16 Cl2 O2



CM 3

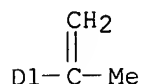
CRN 29468-12-0
CMF C9 H10 O
CCI IDS

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S11/110763



D1-OH



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2006 ACS on STN
RN 180387-64-8 REGISTRY
ED Entered STN: 05 Sep 1996
CN Phenol, ethenyldimethyl-, homopolymer (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Poly(dimethylhydroxystyrene)
MF (C10 H12 O)x
CI PMS
PCT Polystyrene
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 73850-14-3
CMF C10 H12 O
CCI IDS



2 (D1-Me)

D1-OH

D1-CH=CH2

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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S11/110763

=> s alpha methylhydroxystyrene
3257963 ALPHA

L2 3 METHYLHYDROXYSTYRENE
1 ALPHA METHYLHYDROXYSTYRENE
(ALPHA (W) METHYLHYDROXYSTYRENE)

=> d

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 284035-34-3 REGISTRY

ED Entered STN: 08 Aug 2000

CN 2-Propenoic acid, 2-methyl-, 1-ethylcyclopentyl ester, polymer with
1,4-bis(2-chloroethoxy)butane and (1-methylethenyl)phenol (9CI) (CA INDEX
NAME)

OTHER CA INDEX NAMES:

CN Butane, 1,4-bis(2-chloroethoxy)-, polymer with 1-ethylcyclopentyl
2-methyl-2-propenoate and (1-methylethenyl)phenol (9CI)

CN Phenol, (1-methylethenyl)-, polymer with 1,4-bis(2-chloroethoxy)butane and
1-ethylcyclopentyl 2-methyl-2-propenoate (9CI)

OTHER NAMES:

CN 1,4-Butanediol dichloroethyl ether- α -methylhydroxystyrene-1-
ethylcyclopentyl methacrylate copolymer

MF (C11 H18 O2 . C9 H10 O . C8 H16 Cl2 O2)x

CI PMS

PCT Polyacrylic, Polyether, Polystyrene

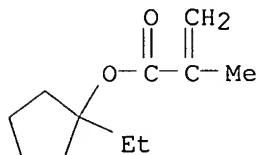
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 266308-58-1

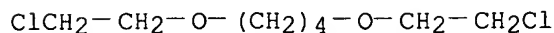
CMF C11 H18 O2



CM 2

CRN 67439-84-3

CMF C8 H16 Cl2 O2



CM 3

CRN 29468-12-0

CMF C9 H10 O

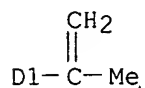
CCI IDS

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S11/110763



D1-OH



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

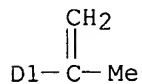
=> s 29468-12-0
L3 1 29468-12-0
(29468-12-0/RN)

=> d

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 29468-12-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN Phenol, (1-methylethenyl)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Phenol, isopropenyl- (8CI)
OTHER NAMES:
CN Isopropenylphenol
MF C9 H10 O
CI IDS, COM
LC STN Files: CA, CAPLUS, CHEMLIST, PIRA, USPATFULL



D1-OH



15 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
15 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s methacrylic acid/cn
L4 1 METHACRYLIC ACID/CN

by Primary Examiner Cynthia Hamilton

S11/110763

=> d

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 79-41-4 REGISTRY

ED Entered STN: 16 Nov 1984

CN 2-Propenoic acid, 2-methyl- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Methacrylic acid (8CI)

OTHER NAMES:

CN α -Methacrylic acid

CN α -Methylacrylic acid

CN 2-Methyl-2-propenoic acid

CN 2-Methylacrylic acid

CN Acrylester MAA

CN GE 110

CN Light Ester A

CN Loctite 3298

CN Methylacrylic acid

CN Norsocryl MAA

CN NSC 7393

DR 463311-95-7, 562836-84-4

MF C4 H6 O2

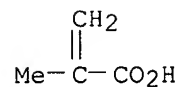
CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPAT, ENCOMPAT2, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PIRA, PROMT, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

23780 REFERENCES IN FILE CA (1907 TO DATE)

12248 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

23806 REFERENCES IN FILE CAPLUS (1907 TO DATE)

11 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s isobornyl acrylate/cn

L5 1 ISOBORNYL ACRYLATE/CN

=> d

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 5888-33-5 REGISTRY

ED Entered STN: 16 Nov 1984

CN 2-Propenoic acid, (1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl ester, rel- (9CI) (CA INDEX NAME)

by Primary Examiner Cynthia Hamilton

S11/110763

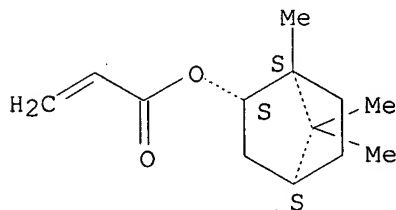
OTHER CA INDEX NAMES:

CN 2-Propenoic acid, 1,7,7-trimethylbicyclo[2.2.1]hept-2-yl ester, exo-
CN Acrylic acid, isobornyl ester (6CI, 7CI)

OTHER NAMES:

CN Al-co-cure IBA
CN Aronix M 156
CN Ebecryl IBOA
CN Ebecryl IBOA-B
CN exo-Isobornyl acrylate
CN Genomer 1121
CN IBA
CN IBOA
CN IBXA
CN Isobornyl acrylate
CN Light Acrylate IB-XA
CN Light Ester IB-XA
CN M 156
CN M 8130
CN MPL 214
CN Newfrontier IBA
CN QM 589
CN Sartomer 506
CN Sartomer 506D
CN Sartomer SR 506
CN Sipomer HP
CN Sipomer IBOA-HP-STD
CN SR 506
CN SR 506 (acrylate)
CN SR 506A
CN SR 506D
FS STEREOSEARCH
DR 111821-21-7, 214686-31-4
MF C13 H20 O2
CI COM
LC STN Files: ANABSTR, BEILSTEIN*, CA, CAOLD, CAPLUS, CHEMCATS,
CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, IFICDB, IFIPAT, IFIUDB,
MSDS-OHS, PIRA, PROMT, RTECS*, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

711 REFERENCES IN FILE CA (1907 TO DATE)
317 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
712 REFERENCES IN FILE CAPLUS (1907 TO DATE)
3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

by Primary Examiner Cynthia Hamilton

S11/110763

=> s tricyclo decanyl methacrylate

179223 TRICYCLO

101 DECANYL

48306 METHACRYLATE

L6 29 TRICYCLO DECANYL METHACRYLATE
(TRICYCLO (W) DECANYL (W) METHACRYLATE)

=> d 29

L6 ANSWER 29 OF 29 REGISTRY COPYRIGHT 2006 ACS on STN

RN 34759-34-7 REGISTRY

ED Entered STN: 16 Nov 1984

CN 2-Propenoic acid, 2-methyl-, octahydro-4,7-methano-1H-inden-5-yl ester
(9CI) (CA INDEX NAME)

OTHER NAMES:

CN Dicyclopentanyl methacrylate

CN FA 513

CN FA 513M

CN Fancryl FA 513M

CN Tricyclodecanyl methacrylate

CN Tricyclodecyl methacrylate

CN Tricyclo[5.2.1.02,6]decan-8-ol methacrylate

CN Tricyclo[5.2.1.02,6]decanyl methacrylate

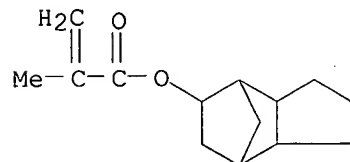
CN Tricyclo[5.2.1.02,6]decyl methacrylate

DR 865606-23-1, 911821-64-2, 97321-08-9

MF C14 H20 O2

CI COM

LC STN Files: CA, CAPLUS, CHEMCATS, CHEMLIST, IFICDB, IFIPAT, IFIUDB,
TOXCENTER, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

66 REFERENCES IN FILE CA (1907 TO DATE)

28 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

66 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 34759-34-7

L7 1 34759-34-7
(34759-34-7/RN)

=> d

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 34759-34-7 REGISTRY

ED Entered STN: 16 Nov 1984

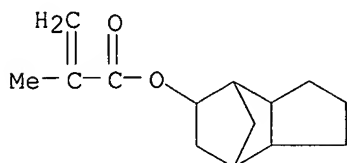
CN 2-Propenoic acid, 2-methyl-, octahydro-4,7-methano-1H-inden-5-yl ester
(9CI) (CA INDEX NAME)

by Primary Examiner Cynthia Hamilton

S11/110763

OTHER NAMES:

CN Dicyclopentanyl methacrylate
CN FA 513
CN FA 513M
CN Fancryl FA 513M
CN Tricyclodecanyl methacrylate
CN Tricyclodecyl methacrylate
CN Tricyclo[5.2.1.0^{2,6}]decan-8-ol methacrylate
CN Tricyclo[5.2.1.0^{2,6}]decanyl methacrylate
CN Tricyclo[5.2.1.0^{2,6}]decyl methacrylate
DR 865606-23-1, 911821-64-2, 97321-08-9
MF C14 H20 O2
CI COM
LC STN Files: CA, CAPLUS, CHEMCATS, CHEMLIST, IFICDB, IFIPAT, IFIUDB,
TOXCENTER, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

66 REFERENCES IN FILE CA (1907 TO DATE)
28 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
66 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d his

(FILE 'HOME' ENTERED AT 15:03:45 ON 11 DEC 2006)

FILE 'REGISTRY' ENTERED AT 15:04:06 ON 11 DEC 2006

L1 3 S METHYL HYDROXYSTYRENE
L2 1 S ALPHA METHYLHYDROXYSTYRENE
L3 1 S 29468-12-0
L4 1 S METHACRYLIC ACID/CN
L5 1 S ISOBORNYL ACRYLATE/CN
L6 29 S TRICYCLO DECANYL METHACRYLATE
L7 1 S 34759-34-7

=> s 34759-34-7/crn
L8 998 34759-34-7/CRN

=> s 5888-33-5/crn
L9 2270 5888-33-5/CRN

=> s 29468-12-0/crn
L10 28 29468-12-0/CRN

=> s 79-41-4/crn
L11 47307 79-41-4/CRN

=> s 18 and 19 and 110 and 111
L12 1 L8 AND L9 AND L10 AND L11

by Primary Examiner Cynthia Hamilton

S11/110763

=> d

L12 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 863456-01-3 REGISTRY

ED Entered STN: 19 Sep 2005

CN 2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate, (1-methylethenyl)phenol, octahydro-4,7-methano-1H-inden-5-yl 2-methyl-2-propenoate and rel-(1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl 2-propenoate (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Butyl acrylate-isobornyl acrylate-isopropenylphenol-methacrylic acid-8-tricyclo[5.2.1.0^{2.6}]decanyl methacrylate copolymer

FS STEREOSEARCH

MF (C14 H20 O2 . C13 H20 O2 . C9 H10 O . C7 H12 O2 . C4 H6 O2)x

CI PMS

PCT Polyacrylic, Polystyrene

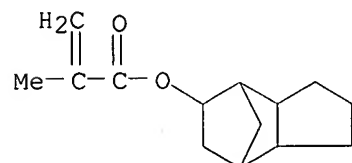
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 34759-34-7

CMF C14 H20 O2



CM 2

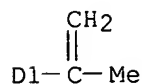
CRN 29468-12-0

CMF C9 H10 O

CCI IDS



D1-OH



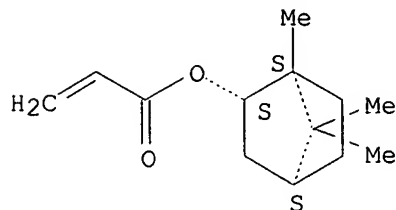
CM 3

by Primary Examiner Cynthia Hamilton

S11/110763

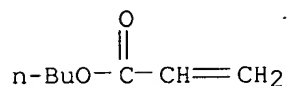
CRN 5888-33-5
CMF C13 H20 O2

Relative stereochemistry.



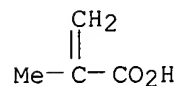
CM 4

CRN 141-32-2
CMF C7 H12 O2



CM 5

CRN 79-41-4
CMF C4 H6 O2



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 141-31-2/crn
L13 0 141-31-2/CRN

=> s 141-31-2
L14 0 141-31-2

=> d his

(FILE 'HOME' ENTERED AT 15:03:45 ON 11 DEC 2006)

FILE 'REGISTRY' ENTERED AT 15:04:06 ON 11 DEC 2006

L1	3 S METHYL HYDROXYSTYRENE
L2	1 S ALPHA METHYLHYDROXYSTYRENE
L3	1 S 29468-12-0
L4	1 S METHACRYLIC ACID/CN
L5	1 S ISOBORNYL ACRYLATE/CN
L6	29 S TRICYCLO DECANYL METHACRYLATE

by Primary Examiner Cynthia Hamilton

S11/110763

L7 1 S 34759-34-7
L8 998 S 34759-34-7/CRN
L9 2270 S 5888-33-5/CRN
L10 28 S 29468-12-0/CRN
L11 47307 S 79-41-4/CRN
L12 1 S L8 AND L9 AND L10 AND L11
L13 0 S 141-31-2/CRN
L14 0 S 141-31-2

=> d 110

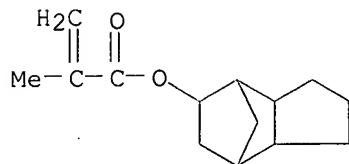
L10 ANSWER 1 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN
RN 863456-01-3 REGISTRY
ED Entered STN: 19 Sep 2005
CN 2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate,
(1-methylethenyl)phenol, octahydro-4,7-methano-1H-inden-5-yl
2-methyl-2-propenoate and rel-(1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-
2-yl 2-propenoate (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Butyl acrylate-isobornyl acrylate-isopropenylphenol-methacrylic
acid-8-tricyclo[5.2.1.0^{2.6}]decanyl methacrylate copolymer
FS STEREOSEARCH
MF (C14 H20 O2 . C13 H20 O2 . C9 H10 O . C7 H12 O2 . C4 H6 O2)x
CI PMS
PCT Polyacrylic, Polystyrene
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 34759-34-7
CMF C14 H20 O2



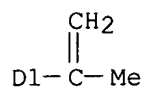
CM 2

CRN 29468-12-0
CMF C9 H10 O
CCI IDS

S11/110763



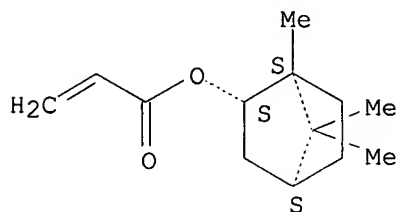
D1-OH



CM 3

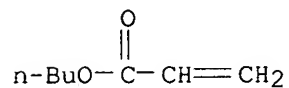
CRN 5888-33-5
CMF C13 H20 O2

Relative stereochemistry.



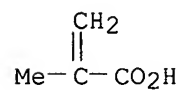
CM 4

CRN 141-32-2
CMF C7 H12 O2



CM 5

CRN 79-41-4
CMF C4 H6 O2



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

by Primary Examiner Cynthia Hamilton

S11/110763

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L10 ANSWER 2 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN

RN 863456-00-2 REGISTRY

ED Entered STN: 19 Sep 2005

CN 2-Propenoic acid, 2-methyl-, polymer with N-(4-hydroxyphenyl)-2-methyl-2-propenamide, (1-methylethenyl)phenol and octahydro-4,7-methano-1H-inden-5-yl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

OTHER NAMES:

CN N-(p-Hydroxyphenyl)methacrylamide-isopropenylphenol-methacrylic acid-8-tricyclo[5.2.1.0^{2.6}]decanyl methacrylate copolymer

MF (C14 H20 O2 . C10 H11 N O2 . C9 H10 O . C4 H6 O2)x

CI PMS

PCT Polyacrylic, Polystyrene

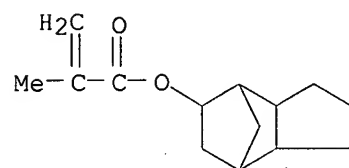
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 34759-34-7

CMF C14 H20 O2



CM 2

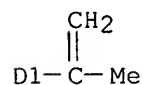
CRN 29468-12-0

CMF C9 H10 O

CCI IDS



D1-OH



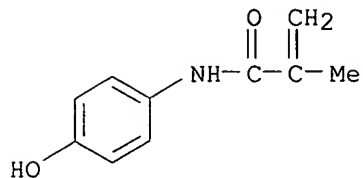
CM 3

CRN 19243-95-9

by Primary Examiner Cynthia Hamilton

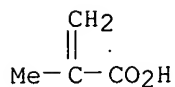
S11/110763

CMF C10 H11 N O2



CM 4

CRN 79-41-4
CMF C4 H6 O2



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 3 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN
RN 317802-83-8 REGISTRY
ED Entered STN: 29 Jan 2001
CN Phenol, (1-methylethenyl)-, polymer with methyl(1-methylethenyl)benzene
(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Benzene, methyl(1-methylethenyl)-, polymer with (1-methylethenyl)phenol
(9CI)
MF (C10 H12 . C9 H10 O)x
CI PMS
PCT Polystyrene
SR CA
LC STN Files: CA, CAPLUS

CM 1

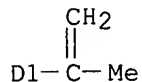
CRN 29468-12-0
CMF C9 H10 O
CCI IDS

by Primary Examiner Cynthia Hamilton

S11/110763



D1- OH



CM 2

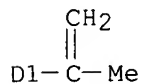
CRN 26444-18-8

CMF C10 H12

CCI IDS



D1- Me



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 4 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN

RN 308847-71-4 REGISTRY

ED Entered STN: 15 Dec 2000

CN 1H-Pyrrole-2,5-dione, 1-phenyl-, polymer with (1-methylethenyl)phenol,
alternating (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Phenol, (1-methylethenyl)-, polymer with 1-phenyl-1H-pyrrole-2,5-dione,
alternating (9CI)

OTHER NAMES:

CN Isopropenylphenol-N-phenylmaleimide alternating copolymer

MF (C10 H7 N O2 . C9 H10 O)x

CI PMS

PCT Polystyrene, Polyvinyl

SR CA

LC STN Files: CA, CAPLUS

CM 1

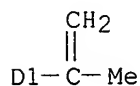
by Primary Examiner Cynthia Hamilton

S11/110763

CRN 29468-12-0
CMF C9 H10 O
CCI IDS

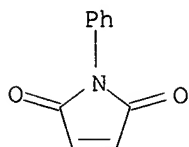


D1-OH



CM 2

CRN 941-69-5
CMF C10 H7 N O2



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 5 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN
RN 284035-34-3 REGISTRY
ED Entered STN: 08 Aug 2000
CN 2-Propenoic acid, 2-methyl-, 1-ethylcyclopentyl ester, polymer with
1,4-bis(2-chloroethoxy)butane and (1-methylethenyl)phenol (9CI) (CA INDEX
NAME)

OTHER CA INDEX NAMES:

CN Butane, 1,4-bis(2-chloroethoxy)-, polymer with 1-ethylcyclopentyl
2-methyl-2-propenoate and (1-methylethenyl)phenol (9CI)
CN Phenol, (1-methylethenyl)-, polymer with 1,4-bis(2-chloroethoxy)butane and
1-ethylcyclopentyl 2-methyl-2-propenoate (9CI)

OTHER NAMES:

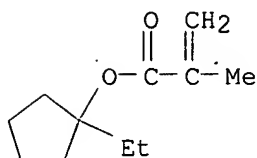
CN 1,4-Butanediol dichloroethyl ether- α -methylhydroxystyrene-1-
ethylcyclopentyl methacrylate copolymer
MF (C11 H18 O2 . C9 H10 O . C8 H16 Cl2 O2)x
CI PMS
PCT Polyacrylic, Polyether, Polystyrene
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

by Primary Examiner Cynthia Hamilton

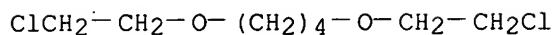
S11/110763

CRN 266308-58-1
CMF C11 H18 O2



CM 2

CRN 67439-84-3
CMF C8 H16 Cl2 O2

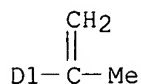


CM 3

CRN 29468-12-0
CMF C9 H10 O
CCI IDS



D1-OH



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 6 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN
RN 277740-76-8 REGISTRY
ED Entered STN: 17 Jul 2000
CN 1H-Pyrrole-2,5-dione, 1-phenyl-, polymer with (1-methylethenyl)phenol
(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Phenol, (1-methylethenyl)-, polymer with 1-phenyl-1H-pyrrole-2,5-dione
(9CI)
OTHER NAMES:
CN Isopropenylphenol-N-phenylmaleimide copolymer
MF (C10 H7 N O2 . C9 H10 O)x
CI PMS

by Primary Examiner Cynthia Hamilton

S11/110763

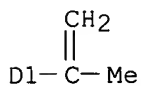
PCT Polystyrene, Polyvinyl
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 29468-12-0
CMF C9 H10 O
CCI IDS

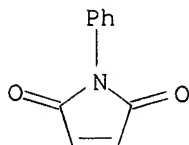


D1-OH



CM 2

CRN 941-69-5
CMF C10 H7 N O2



2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

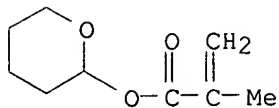
L10 ANSWER 7 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN
RN 214403-35-7 REGISTRY
ED Entered STN: 18 Nov 1998
CN 2-Propenoic acid, 2-methyl-, tetrahydro-2H-pyran-2-yl ester, polymer with
(1-methylethenyl)phenol (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Phenol, (1-methylethenyl)-, polymer with tetrahydro-2H-pyran-2-yl
2-methyl-2-propenoate (9CI)
OTHER NAMES:
CN Isopropenylphenol-tetrahydropyranyl methacrylate copolymer
MF (C9 H14 O3 . C9 H10 O)x
CI PMS
PCT Polyacrylic, Polystyrene
SR CA
LC STN Files: CA, CAPLUS

CM 1

by Primary Examiner Cynthia Hamilton

S11/110763

CRN 52858-59-0
CMF C9 H14 O3

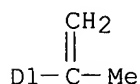


CM 2

CRN 29468-12-0
CMF C9 H10 O
CCI IDS



D1-OH



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 8 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN

RN 214403-34-6 REGISTRY

ED Entered STN: 18 Nov 1998

CN 2-Propenoic acid, 1-ethoxyethyl ester, polymer with (1-methylethenyl)phenol (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Phenol, (1-methylethenyl)-, polymer with 1-ethoxyethyl 2-propenoate (9CI)

OTHER NAMES:

CN 1-Ethoxyethyl acrylate-isopropenylphenol copolymer

MF (C9 H10 O . C7 H12 O3)x

CI PMS

PCT Polyacrylic, Polystyrene

SR CA

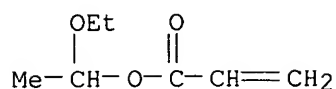
LC STN Files: CA, CAPLUS

CM 1

CRN 52351-91-4
CMF C7 H12 O3

by Primary Examiner Cynthia Hamilton

S11/110763

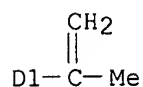


CM 2

CRN 29468-12-0
CMF C9 H10 O
CCI IDS



D1-OH



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 9 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN

RN 214403-33-5 REGISTRY

ED Entered STN: 18 Nov 1998

CN 2-Propenoic acid, tetrahydro-2H-pyran-2-yl ester, polymer with
(1-methylethenyl)phenol (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Phenol, (1-methylethenyl)-, polymer with tetrahydro-2H-pyran-2-yl
2-propenoate (9CI)

OTHER NAMES:

CN Isopropenylphenol-tetrahydropyranyl acrylate copolymer

MF (C9 H10 O . C8 H12 O3)x

CI PMS

PCT Polyacrylic, Polystyrene

SR CA

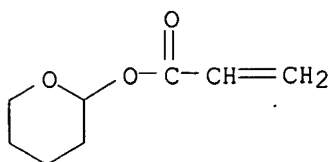
LC STN Files: CA, CAPLUS

CM 1

CRN 52858-57-8
CMF C8 H12 O3

by Primary Examiner Cynthia Hamilton

S11/110763



CM 2

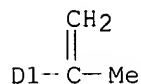
CRN 29468-12-0

CMF C9 H10 O

CCI IDS



D1-OH



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 10 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN

RN 209545-11-9 REGISTRY

ED Entered STN: 06 Aug 1998

CN 2-Propenoic acid, 1,1-dimethylethyl ester, polymer with
(1-methylethenyl)phenol (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Phenol, (1-methylethenyl)-, polymer with 1,1-dimethylethyl 2-propenoate
(9CI)

MF (C9 H10 O . C7 H12 O2)x

CI PMS

PCT Polyacrylic, Polystyrene

SR CA

LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

CM 1

CRN 29468-12-0

CMF C9 H10 O

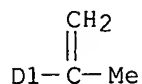
CCI IDS

by Primary Examiner Cynthia Hamilton

S11/110763

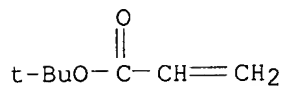


D1-OH



CM 2

CRN 1663-39-4
CMF C7 H12 O2



2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 11 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN
RN 183451-91-4 REGISTRY
ED Entered STN: 27 Nov 1996
CN 2-Propenoic acid, butyl ester, polymer with (1-methylethenyl)phenol (9CI)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Phenol, (1-methylethenyl)-, polymer with butyl 2-propenoate (9CI)
MF (C9 H10 O . C7 H12 O2)x
CI PMS
PCT Polyacrylic, Polystyrene
SR CA
LC STN Files: CA, CAPLUS

CM 1

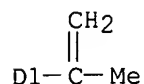
CRN 29468-12-0
CMF C9 H10 O
CCI IDS

by Primary Examiner Cynthia Hamilton

S11/110763

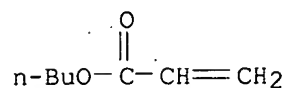


D1-OH



CM 2

CRN 141-32-2
CMF C7 H12 O2

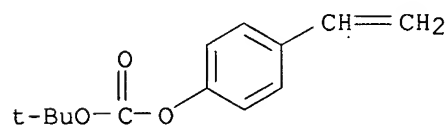


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 12 OF 28 REGISTRY COPYRIGHT ©2006 ACS on STN
RN 162525-66-8 REGISTRY
ED Entered STN: 27 Apr 1995
CN Carbonic acid, 1,1-dimethylethyl 4-ethenylphenyl ester, polymer with
(1-methylethenyl)phenol (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Phenol, (1-methylethenyl)-, polymer with 1,1-dimethylethyl 4-ethenylphenyl
carbonate (9CI)
MF (C13 H16 O3 . C9 H10 O)x
CI PMS
PCT Polystyrene
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 87188-51-0
CMF C13 H16 O3



CM 2

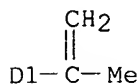
by Primary Examiner Cynthia Hamilton

S11/110763

CRN 29468-12-0
CMF C9 H10 O
CCI IDS



D1-OH



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 13 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN
RN 157960-13-9 REGISTRY
ED Entered STN: 28 Sep 1994
CN 2-Propenoic acid, sodium salt, polymer with (1-methylethenyl)phenol sodium salt and α -(2-methyl-1-oxo-2-propenyl)- ω -hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Phenol, (1-methylethenyl)-, sodium salt, polymer with α -(2-methyl-1-oxo-2-propenyl)- ω -hydroxypoly(oxy-1,2-ethanediyl) and sodium 2-propenoate (9CI)
CN Poly(oxy-1,2-ethanediyl), α -(2-methyl-1-oxo-2-propenyl)- ω -hydroxy-, polymer with (1-methylethenyl)phenol sodium salt and sodium 2-propenoate (9CI)
MF (C9 H10 O . C3 H4 O2 . (C2 H4 O)_n C4 H6 O2 . 2 Na)_x
CI PMS
PCT Polyacrylic, Polyether, Polystyrene
SR CA
LC STN Files: CA, CAPLUS

CM 1

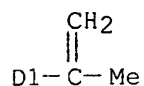
CRN 29468-12-0
CMF C9 H10 O
CCI IDS

by Primary Examiner Cynthia Hamilton

S11/110763



D1-OH

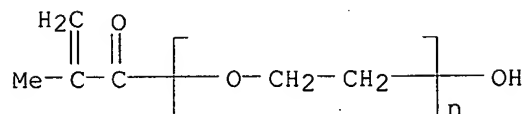


CM 2

CRN 25736-86-1

CMF (C2 H4 O)_n C4 H6 O2

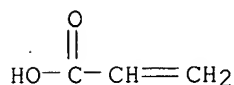
CCI PMS



CM 3

CRN 7446-81-3 (79-10-7)

CMF C3 H4 O2 . Na



● Na

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 14 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN

RN 141963-72-6 REGISTRY

ED Entered STN: 19 Jun 1992

CN Phenol, 2-[1-(4-hydroxyphenyl)-1-methylethyl]-, polymer with (chloromethyl)oxirane, (1-methylethenyl)phenol, (1-methylethenyl)phenol dimer, 4,4'-(1-methylethylidene)bis[phenol], α,α' -[(1-methylethylidene)di-4,1-phenylene]bis[ω -hydroxypoly[oxy(methyl-1,2-ethanediyl)]]], (1-methylethyl)phenol, phenol and C,C,C-trimethyl-1,6-hexanediamine (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,6-Hexanediamine, C,C,C-trimethyl-, polymer with (chloromethyl)oxirane,

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2-[1-(4-hydroxyphenyl)-1-methylethyl]phenol, (1-methylethenyl)phenol, (1-methylethenyl)phenol dimer, 4,4'-(1-methylethylidene)bis[phenol], α,α' -[(1-methylethylidene)di-4,1-phenylene]bis[ω -hydroxypoly[oxy(methyl-1,2-ethanediyl)]]], (1-methylethyl)phenol and phenol (9CI)

CN Oxirane, (chloromethyl)-, polymer with 2-[1-(4-hydroxyphenyl)-1-methylethyl]phenol, (1-methylethenyl)phenol, (1-methylethenyl)phenol dimer, 4,4'-(1-methylethylidene)bis[phenol], α,α' -[(1-methylethylidene)di-4,1-phenylene]bis[ω -hydroxypoly[oxy(methyl-1,2-ethanediyl)]]], (1-methylethyl)phenol, phenol and C,C,C-trimethyl-1,6-hexanediamine (9CI)

CN Phenol, (1-methylethenyl)-, dimer, polymer with (chloromethyl)oxirane, 2-[1-(4-hydroxyphenyl)-1-methylethyl]phenol, (1-methylethenyl)phenol, 4,4'-(1-methylethylidene)bis[phenol], α,α' -[(1-methylethylidene)di-4,1-phenylene]bis[ω -hydroxypoly[oxy(methyl-1,2-ethanediyl)]]], (1-methylethyl)phenol, phenol and C,C,C-trimethyl-1,6-hexanediamine (9CI)

CN Phenol, (1-methylethyl)-, polymer with (chloromethyl)oxirane, 2-[1-(4-hydroxyphenyl)-1-methylethyl]phenol, (1-methylethenyl)phenol dimer, 4,4'-(1-methylethylidene)bis[phenol], α,α' -[(1-methylethylidene)di-4,1-phenylene]bis[ω -hydroxypoly[oxy(methyl-1,2-ethanediyl)]]], (1-methylethyl)phenol, phenol and C,C,C-trimethyl-1,6-hexanediamine (9CI)

CN Phenol, (1-methylethyl)-, polymer with (chloromethyl)oxirane, 2-[1-(4-hydroxyphenyl)-1-methylethyl]phenol, (1-methylethenyl)phenol, (1-methylethenyl)phenol dimer, 4,4'-(1-methylethylidene)bis[phenol], α,α' -[(1-methylethylidene)di-4,1-phenylene]bis[ω -hydroxypoly[oxy(methyl-1,2-ethanediyl)]]], phenol and C,C,C-trimethyl-1,6-hexanediamine (9CI)

CN Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane, 2-[1-(4-hydroxyphenyl)-1-methylethyl]phenol, (1-methylethenyl)phenol, (1-methylethenyl)phenol dimer, α,α' -[(1-methylethylidene)di-4,1-phenylene]bis[ω -hydroxypoly[oxy(methyl-1,2-ethanediyl)]]], (1-methylethyl)phenol, phenol and C,C,C-trimethyl-1,6-hexanediamine (9CI)

CN Phenol, polymer with (chloromethyl)oxirane, 2-[1-(4-hydroxyphenyl)-1-methylethyl]phenol, (1-methylethenyl)phenol, (1-methylethenyl)phenol dimer, 4,4'-(1-methylethylidene)bis[phenol], α,α' -[(1-methylethylidene)di-4,1-phenylene]bis[ω -hydroxypoly[oxy(methyl-1,2-ethanediyl)]]], (1-methylethyl)phenol and C,C,C-trimethyl-1,6-hexanediamine (9CI)

CN Poly[oxy(methyl-1,2-ethanediyl)], α,α' -[(1-methylethylidene)di-4,1-phenylene]bis[ω -hydroxy-], polymer with (chloromethyl)oxirane, 2-[1-(4-hydroxyphenyl)-1-methylethyl]phenol, (1-methylethenyl)phenol, (1-methylethenyl)phenol dimer, 4,4'-(1-methylethylidene)bis[phenol], (1-methylethyl)phenol, phenol and C,C,C-trimethyl-1,6-hexanediamine (9CI)

MF (C15 H16 O2 . C15 H16 O2 . C9 H22 N2 . C9 H12 O . (C9 H10 O)2 . C9 H10 O . C6 H6 O . (C3 H6 O)n (C3 H6 O)n C15 H16 O2 . C3 H5 Cl O)x

CI PMS

PCT Epoxy resin, Polyamine, Polyamine formed, Polyether, Polyether formed, Polyether, Polystyrene

SR CA

LC STN Files: CA, CAPLUS

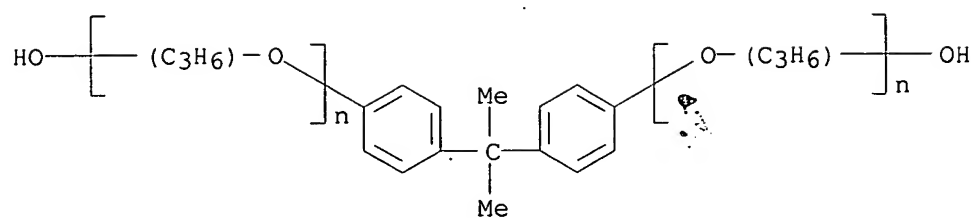
CM 1

CRN 37353-75-6

CMF (C3 H6 O)n (C3 H6 O)n C15 H16 O2

CCI IDS, PMS

S11/110763



CM 2

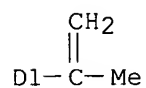
CRN 29468-12-0

CMF C9 H10 O

CCI IDS



D1-OH



CM 3

CRN 25620-58-0

CMF C9 H22 N2

CCI IDS

H₂N- (CH₂)₆-NH₂

3 (D1-Me)

CM 4

CRN 25168-06-3

CMF C9 H12 O

CCI IDS

by Primary Examiner Cynthia Hamilton

S11/110763



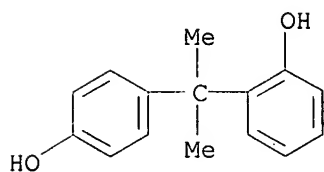
D1-OH

D1-Pr-i

CM 5

CRN 837-08-1

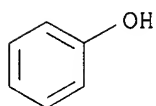
CMF C15 H16 O2



CM 6

CRN 108-95-2

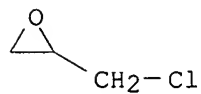
CMF C6 H6 O



CM 7

CRN 106-89-8

CMF C3 H5 Cl O



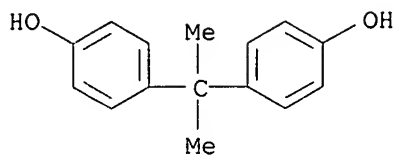
CM 8

CRN 80-05-7

CMF C15 H16 O2

by Primary Examiner Cynthia Hamilton

S11/110763



CM 9

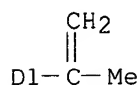
CRN 83286-97-9
CMF (C9 H10 O)2
CCI PMS

CM 10

CRN 29468-12-0
CMF C9 H10 O
CCI IDS



D1-OH



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 15 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN
RN 139660-33-6 REGISTRY
ED Entered STN: 20 Mar 1992
CN 1,3-Benzenedicarbonyl dichloride, polymer with 3-(4-aminophenoxy)benzenamine, (1-methylethenyl)phenyl ester (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzenamine, 3-(4-aminophenoxy)-, polymer with 1,3-benzenedicarbonyl dichloride, (1-methylethenyl)phenyl ester (9CI)
MF (C12 H12 N2 O . C8 H4 Cl2 O2)x . x C9 H10 O
PCT Polyamide, Polyamide formed, Polyether
SR CA

CM 1

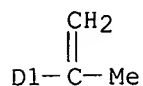
CRN 29468-12-0
CMF C9 H10 O
CCI IDS

by Primary Examiner Cynthia Hamilton

S11/110763



D1-OH



CM 2

CRN 131788-48-2

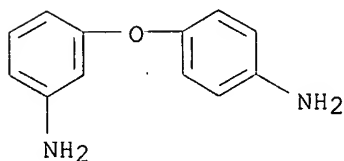
CMF (C12 H12 N2 O . C8 H4 Cl2 O2) x

CCI PMS

CM 3

CRN 2657-87-6

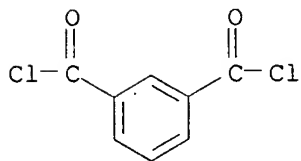
CMF C12 H12 N2 O



CM 4

CRN 99-63-8

CMF C8 H4 Cl2 O2



L10 ANSWER 16 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN

RN 104047-91-8 REGISTRY

ED Entered STN: 30 Aug 1986

CN Phenol, (1-methylethenyl)-, polymer with ethenylbenzene (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzene, ethenyl-, polymer with (1-methylethenyl)phenol (9CI)

OTHER NAMES:

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S11/110763

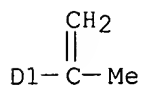
CN Isopropenylphenol-styrene copolymer
MF (C9 H10 O . C8 H8)x
CI PMS
PCT Polystyrene
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 29468-12-0
CMF C9 H10 O
CCI IDS

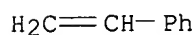


D1-OH



CM 2

CRN 100-42-5
CMF C8 H8



10 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
10 REFERENCES IN FILE CAPLUS (1907 TO DATE)

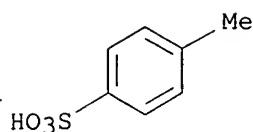
L10 ANSWER 17 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN
RN 100551-97-1 REGISTRY
ED Entered STN: 01 Mar 1986
CN Phenol, (1-methylethenyl)-, homopolymer, 4-methylbenzenesulfonate (9CI)
(CA INDEX NAME)
MF (C9 H10 O)x . x C7 H8 O3 S
PCT Polystyrene
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 104-15-4
CMF C7 H8 O3 S

by Primary Examiner Cynthia Hamilton

S11/110763



CM 2

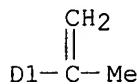
CRN 68812-74-8
CMF (C9 H10 O)x
CCI PMS

CM 3

CRN 29468-12-0
CMF C9 H10 O
CCI IDS



D1-OH



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 18 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN

RN 97612-84-5 REGISTRY

ED Entered STN: 10 Aug 1985

CN 2-Propenoic acid, 2-methyl-, methyl ester, polymer with
(1-methylethenyl)phenol and 2-methyl-2-propenoyl chloride (9CI) (CA INDEX
NAME)

OTHER CA INDEX NAMES:

CN 2-Propenoyl chloride, 2-methyl-, polymer with (1-methylethenyl)phenol and
methyl 2-methyl-2-propenoate (9CI)

CN Phenol, (1-methylethenyl)-, polymer with methyl 2-methyl-2-propenoate and
2-methyl-2-propenoyl chloride (9CI)

MF (C9 H10 O . C5 H8 O2 . C4 H5 Cl O)x

CI PMS

PCT Polyacrylic, Polystyrene

SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 29468-12-0

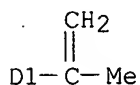
by Primary Examiner Cynthia Hamilton

S11/110763

CMF C9 H10 O
CCI IDS

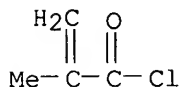


D1-OH



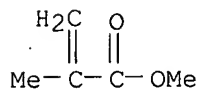
CM 2

CRN 920-46-7
CMF C4 H5 Cl O



CM 3

CRN 80-62-6
CMF C5 H8 O2



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 19 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN
RN 85229-30-7 REGISTRY
ED Entered STN: 16 Nov 1984
CN 2-Propenenitrile, polymer with (1-methylethenyl)phenol (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Phenol, (1-methylethenyl)-, polymer with 2-propenenitrile (9CI)

OTHER NAMES:

CN Acrylonitrile-isopropenylphenol copolymer

MF (C9 H10 O . C3 H3 N)x

CI PMS

PCT Polyacrylic, Polystyrene

LC STN Files: CA, CAPLUS

by Primary Examiner Cynthia Hamilton

S11/110763

CM 1

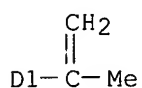
CRN 29468-12-0

CMF C9 H10 O

CCI IDS



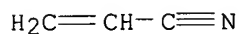
D1-OH



CM 2

CRN 107-13-1

CMF C3 H3 N



2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 20 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN

RN 83286-97-9 REGISTRY

ED Entered STN: 16 Nov 1984

CN Phenol, (1-methylethenyl)-, dimer (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Isopropenylphenol dimer

MF (C9 H10 O)2

CI PMS, COM

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 29468-12-0

CMF C9 H10 O

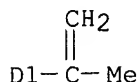
CCI IDS

by Primary Examiner Cynthia Hamilton

S11/110763



D1-OH



11 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
11 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 21 OF 28 REGISTRY COPYRIGHT ©2006 ACS on STN

RN 83099-93-8 REGISTRY

ED Entered STN: 16 Nov 1984

CN Isocyanic acid, polymethylenepolyphenylene ester, polymer with
(3,4-dihydro-2,2,4-trimethyl-2H-1-benzopyran-4-yl)phenol and
(1-methylethenyl)phenol (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Phenol, (1-methylethenyl)-, polymer with (3,4-dihydro-2,2,4-trimethyl-2H-1-benzopyran-4-yl)phenol and polymethylenepolyphenylene isocyanate (9CI)

CN Phenol, (3,4-dihydro-2,2,4-trimethyl-2H-1-benzopyran-4-yl)-, polymer with
(1-methylethenyl)phenol and polymethylenepolyphenylene isocyanate (9CI)

MF (C18 H20 O2 . C9 H10 O . Unspecified).x

CI PMS

PCT Manual component, Polyether, Polystyrene

LC STN Files: CA, CAPLUS

CM 1

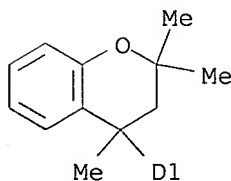
CRN 68246-46-8

CMF C18 H20 O2

CCI IDS



D1-OH



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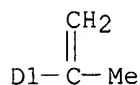
S11/110763

CM 2

CRN 29468-12-0
CMF C9 H10 O
CCI IDS



D1-OH



CM 3

CRN 9016-87-9
CMF Unspecified
CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 22 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN

RN 78099-69-1 REGISTRY

ED Entered STN: 16 Nov 1984

CN Formaldehyde, polymer with (1-methylethenyl)phenol, nonylphenol and phenol (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Phenol, (1-methylethenyl)-, polymer with formaldehyde, nonylphenol and phenol (9CI)

CN Phenol, nonyl-, polymer with formaldehyde, (1-methylethenyl)phenol and phenol (9CI)

CN Phenol, polymer with formaldehyde, (1-methylethenyl)phenol and nonylphenol (9CI)

MF (C15 H24 O . C9 H10 O . C6 H6 O . C H2 O)x

CI PMS

PCT Phenolic resin, Polystyrene

LC STN Files: CA, CAPLUS

CM 1

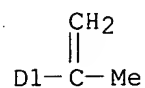
CRN 29468-12-0
CMF C9 H10 O
CCI IDS

by Primary Examiner Cynthia Hamilton

S11/110763



D1-OH



CM 2

CRN 25154-52-3

CMF C15 H24 O

CCI IDS



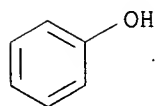
D1-OH

D1-(CH2)8-Me

CM 3

CRN 108-95-2

CMF C6 H6 O



CM 4

CRN 50-00-0

CMF C H2 O

H₂C=O

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1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

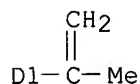
L10 ANSWER 23 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN
RN 74182-18-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN Phenol, (1-methylethenyl)-, polymer with (1-methylethenyl)benzene (9CI)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Benzene, (1-methylethenyl)-, polymer with (1-methylethenyl)phenol (9CI)
OTHER NAMES:
CN Isopropenylphenol- α -methylstyrene copolymer
MF (C9 H10 O . C9 H10)x
CI PMS
PCT Polystyrene
LC STN Files: CA, CAPLUS

CM 1

CRN 29468-12-0
CMF C9 H10 O
CCI IDS

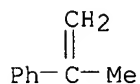


D1-OH



CM 2

CRN 98-83-9
CMF C9 H10



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 24 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN
RN 68812-74-8 REGISTRY
ED Entered STN: 16 Nov 1984
CN Phenol, (1-methylethenyl)-, homopolymer (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Isopropenylphenol homopolymer

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S11/110763

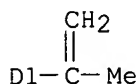
CN Poly(isopropenylphenol)
MF (C9 H10 O)x
CI PMS, COM
PCT Polystyrene
LC STN Files: CA, CAPLUS, CASREACT, PIRA, USPATFULL

CM 1

CRN 29468-12-0
CMF C9 H10 O
CCI IDS



D1-OH



21 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
21 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 25 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN
RN 61804-48-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN Carbonic dichloride, polymer with ethenylbenzene, (1-methylethenyl)phenol and 4,4'-(1-methylethylidene)bis[phenol] (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Benzene, ethenyl-, polymer with carbonic dichloride, (1-methylethenyl)phenol and 4,4'-(1-methylethylidene)bis[phenol] (9CI)
CN Phenol, (1-methylethenyl)-, polymer with carbonic dichloride, ethenylbenzene and 4,4'-(1-methylethylidene)bis[phenol] (9CI)
CN Phenol, 4,4'-(1-methylethylidene)bis-, polymer with carbonic dichloride, ethenylbenzene and (1-methylethenyl)phenol (9CI)
MF (C15 H16 O2 . C9 H10 O . C8 H8 . C Cl2 O)x
CI PMS
PCT Polycarbonate, Polycarbonate formed, Polystyrene
LC STN Files: CA, CAPLUS

CM 1

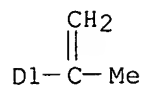
CRN 29468-12-0
CMF C9 H10 O
CCI IDS

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S11/110763



D1-OH



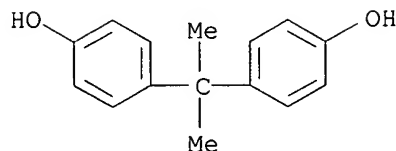
CM 2

CRN 100-42-5
CMF C8 H8

H₂C=CH-Ph

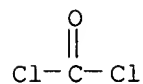
CM 3

CRN 80-05-7
CMF C15 H16 O2



CM 4

CRN 75-44-5
CMF C C12 O



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 26 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN
RN 56060-71-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN Carbonic acid, polymer with ethenylbenzene, (1-methylethenyl)phenol,
4,4'-(1-methylethylidene)bis[phenol] and 2-propenenitrile (9CI) (CA INDEX

by Primary Examiner Cynthia Hamilton

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NAME)

OTHER CA INDEX NAMES:

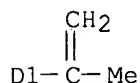
CN 2-Propenenitrile, polymer with carbonic acid, ethenylbenzene,
(1-methylethenyl)phenol and 4,4'-(1-methylethylidene)bis[phenol] (9CI)
CN Benzene, ethenyl-, polymer with carbonic acid, (1-methylethenyl)phenol,
4,4'-(1-methylethylidene)bis[phenol] and 2-propenenitrile (9CI)
CN Phenol, (1-methylethenyl)-, polymer with carbonic acid, ethenylbenzene,
4,4'-(1-methylethylidene)bis[phenol] and 2-propenenitrile (9CI)
CN Phenol, 4,4'-(1-methylethylidene)bis-, polymer with carbonic acid,
ethenylbenzene, (1-methylethenyl)phenol and 2-propenenitrile (9CI)
MF (C15 H16 O2 . C9 H10 O . C8 H8 . C3 H3 N . C H2 O3)x
CI PMS
PCT Polyacrylic, Polycarbonate, Polycarbonate formed, Polystyrene
LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL

CM 1

CRN 29468-12-0
CMF C9 H10 O
CCI IDS

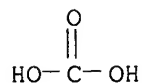


D1-OH



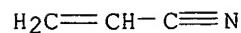
CM 2

CRN 463-79-6
CMF C H2 O3



CM 3

CRN 107-13-1
CMF C3 H3 N



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S11/110763

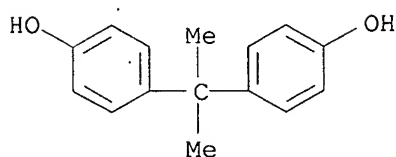
CM 4

CRN 100-42-5
CMF C8 H8

$\text{H}_2\text{C}=\text{CH}-\text{Ph}$

CM 5

CRN 80-05-7
CMF C15 H16 O2



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 27 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN

RN 56060-70-9 REGISTRY

ED Entered STN: 16 Nov 1984

CN 2-Propenoic acid, 2-methyl-, methyl ester, polymer with carbonic acid,
(1-methylethenyl)phenol and 4,4'-(1-methylethylidene)bis[phenol] (9CI)
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Carbonic acid, polymer with (1-methylethenyl)phenol, 4,4'-(1-methylethylidene)bis[phenol] and methyl 2-methyl-2-propenoate (9CI)

CN Phenol, (1-methylethenyl)-, polymer with carbonic acid,
4,4'-(1-methylethylidene)bis[phenol] and methyl 2-methyl-2-propenoate
(9CI)

CN Phenol, 4,4'-(1-methylethylidene)bis-, polymer with carbonic acid,
(1-methylethenyl)phenol and methyl 2-methyl-2-propenoate (9CI)

MF (C15 H16 O2 . C9 H10 O . C5 H8 O2 . C H2 O3)x

CI PMS

PCT Polyacrylic, Polycarbonate, Polycarbonate formed, Polystyrene

LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL

CM 1

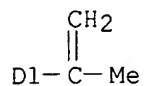
CRN 29468-12-0
CMF C9 H10 O
CCI IDS

by Primary Examiner Cynthia Hamilton

S11/110763

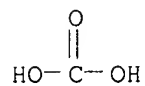


D1-OH



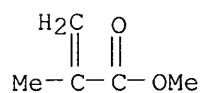
CM 2

CRN 463-79-6
CMF C H2 O3



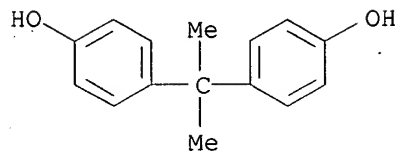
CM 3

CRN 80-62-6
CMF C5 H8 O2



CM 4

CRN 80-05-7
CMF C15 H16 O2



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 28 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN
RN 37228-88-9 REGISTRY
ED Entered STN: 16 Nov 1984

by Primary Examiner Cynthia Hamilton

S11/110763

CN Phenol, (1-methylethenyl)-, trimer (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Isopropenylphenol trimer

MF (C9 H10 O)3

CI PMS

LC STN Files: CA, CAPLUS

CM 1

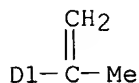
CRN 29468-12-0

CMF C9 H10 O

CCI IDS



D1-OH



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d his

(FILE 'HOME' ENTERED AT 15:03:45 ON 11 DEC 2006)

FILE 'REGISTRY' ENTERED AT 15:04:06 ON 11 DEC 2006

L1 3 S METHYL HYDROXYSTYRENE
L2 1 S ALPHA METHYLHYDROXYSTYRENE
L3 1 S 29468-12-0
L4 1 S METHACRYLIC ACID/CN
L5 1 S ISOBORNYL ACRYLATE/CN
L6 29 S TRICYCLO DECANYL METHACRYLATE
L7 1 S 34759-34-7
L8 998 S 34759-34-7/CRN
L9 2270 S 5888-33-5/CRN
L10 28 S 29468-12-0/CRN
L11 47307 S 79-41-4/CRN
L12 1 S L8 AND L9 AND L10 AND L11
L13 0 S 141-31-2/CRN
L14 0 S 141-31-2

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

125.08

125.29

FILE 'CAPLUS' ENTERED AT 15:11:07 ON 11 DEC 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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FILE COVERS 1907 - 11 Dec 2006 VOL 145 ISS 25
FILE LAST UPDATED: 10 Dec 2006 (20061210/ED)

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=> s 112

L15 1 L12

=> d

L15 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2005:962527 CAPLUS
DN 143:258087
TI Bilayer laminated film for bump formation and method of bump formation
IN Nishimura, Hiroko; Ohta, Masaru; Inomata, Katsumi; Iwanaga, Shin-Ichiro
PA JSR Corporation, Japan
SO PCT Int. Appl., 56 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005081064	A1	20050901	WO 2005-JP2575	20050218
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	JP 2005266795	A2	20050929	JP 2005-40827	20050217
PRAI	JP 2004-44929	A	20040220		
RE.CNT	17	THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

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S11/110763

L15 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2005:962527 CAPLUS
DN 143:258087
ED Entered STN: 02 Sep 2005
TI Bilayer laminated film for bump formation and method of bump formation
IN Nishimura, Hiroko; Ohta, Masaru; Inomata, Katsumi; Iwanaga, Shin-Ichiro
PA JSR Corporation, Japan
SO PCT Int. Appl., 56 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
IC ICM G03F007-11
ICS H05K003-34
CC 76-2 (Electric Phenomena)
Section cross-reference(s): 74

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005081064	A1	20050901	WO 2005-JP2575	20050218
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, BH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	JP 2005266795	A2	20050929	JP 2005-40827	20050217
PRAI	JP 2004-44929	A	20040220		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2005081064	ICM	G03F007-11
	ICS	H05K003-34
	IPCI	G03F0007-11 [ICM,7]; H05K0003-34 [ICS,7]
	IPCR	G03F0007-11 [I,C*]; G03F0007-11 [I,A]; H01L0021-02 [I,C*]; H01L0021-48 [I,A]; H05K0003-34 [I,C*]; H05K0003-34 [I,A]
JP 2005266795	ECLA	G03F007/11; H01L021/48C4C; H05K003/34F6B
	IPCI	G03F0007-11 [ICM,7]; G03F0007-004 [ICS,7]; G03F0007-033 [ICS,7]; G03F0007-40 [ICS,7]; H01L0021-60 [ICS,7]; H01L0021-02 [ICS,7,C*]
	IPCR	G03F0007-004 [I,A]; G03F0007-004 [I,C*]; G03F0007-033 [I,A]; G03F0007-033 [I,C*]; G03F0007-11 [I,A]; G03F0007-11 [I,C*]; G03F0007-40 [I,A]; G03F0007-40 [I,C*]; H01L0021-02 [I,C*]; H01L0021-60 [I,A]
	FTERM	2H025/AA03; 2H025/AA10; 2H025/AA16; 2H025/AB11; 2H025/AB15; 2H025/AB17; 2H025/AC01; 2H025/AD01; 2H025/BC13; 2H025/BC42; 2H025/CA00; 2H025/CB13; 2H025/CB17; 2H025/CB43; 2H025/CB45; 2H025/CC03; 2H025/DA36; 2H025/DA40; 2H025/FA39; 2H096/AA26; 2H096/AA27; 2H096/BA01; 2H096/CA05; 2H096/GA08

AB A neg. radiation-sensitive bilayer laminated film for bump formation is described, characterized in that a composition comprising a polymer with specified structural unit and organic solvent is used as an underlayer of the bilayer laminated film for bump formation. A method of bump formation using the laminated film is also described. Thus, there is provided a

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neg. radiation-sensitive bilayer laminated film for bump formation that excels in solder paste printability and pattern configuration and that can be easily detached from substrates, and further provided a method of bump production therewith.

ST bilayer polymer photoresist film bump solder paste

IT Bump contacts

Multilayers

Negative photoresists

(bilayer photoresist laminated film for bump formation using solder paste)

IT Soldering

(paste; bilayer photoresist laminated film for bump formation using solder paste)

IT 3524-68-3, Aronix M-305 62886-89-9, Aronix M 8060 863455-98-5

863455-99-6, 2-Hydroxyethyl acrylate-N-(3,5-dimethyl-4-hydroxybenzyl)acrylamide-styrene copolymer 863456-00-2, N-(P-Hydroxyphenol)methacrylamide-iso-propenylphenol-methacrylic acid-8-tricyclo[5.2.1.02.6]decanyl methacrylate copolymer 863456-01-3, Butyl acrylate-isopropenylphenol-methacrylic acid-isobornyl acrylate-8-tricyclo[5.2.1.02.6]decanyl methacrylate copolymer

RL: TEM (Technical or engineered material use); USES (Uses)

(bilayer photoresist laminated film for bump formation using solder paste)

RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

- (1) Arch Specialty Chemicals Inc; WO 200053645 A1 2002
- (2) Arch Specialty Chemicals Inc; JP 2002539282 A 2002
- (3) Arch Specialty Chemicals Inc; US 6492092 B1 2002 CAPLUS
- (4) Casio Computer Co Ltd; JP 10-107037 A 1998
- (5) Fuji Photo Film Co Ltd; JP 07-333836 A 1995 CAPLUS
- (6) Fuji Photo Film Co Ltd; JP 200420643 A 2004
- (7) Japan Synthetic Rubber Co Ltd; JP 08-31733 A 1996 CAPLUS
- (8) Jsr Corp; JP 200039709 A 2000
- (9) Jsr Corp; JP 2004140313 A 2004 CAPLUS
- (10) Jsr Corp; WO 200419667 A1 2004
- (11) Matsushita Electric Industrial Co Ltd; JP 200156570 A 2001
- (12) Sony Corp; JP 07-74251 A 1995
- (13) Tokyo Ohka Kogyo Co Ltd; JP 2003140347 A 2003 CAPLUS
- (14) Tokyo Ohka Kogyo Co Ltd; US 200387187 A1 2003
- (15) Toshiba Corp; JP 09-321049 A 1997 CAPLUS
- (16) Toyama Nihon Denki Kabushiki Kaisha; JP 2000208911 A 2000 CAPLUS
- (17) Toyama Nihon Denki Kabushiki Kaisha; US 6420255 B1 2000 CAPLUS

=> d his

(FILE 'HOME' ENTERED AT 15:03:45 ON 11 DEC 2006)

FILE 'REGISTRY' ENTERED AT 15:04:06 ON 11 DEC 2006

L1 3 S METHYL HYDROXYSTYRENE
L2 1 S ALPHA METHYLHYDROXYSTYRENE
L3 1 S 29468-12-0
L4 1 S METHACRYLIC ACID/CN
L5 1 S ISOBORNYL ACRYLATE/CN
L6 29 S TRICYCLO DECANYL METHACRYLATE
L7 1 S 34759-34-7
L8 998 S 34759-34-7/CRN
L9 2270 S 5888-33-5/CRN
L10 28 S 29468-12-0/CRN

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L11 47307 S 79-41-4/CRN
L12 1 S L8 AND L9 AND L10 AND L11
L13 0 S 141-31-2/CRN
L14 0 S 141-31-2

FILE 'CAPLUS' ENTERED AT 15:11:07 ON 11 DEC 2006
L15 1 S L12

=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
5.59	130.88

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-0.75	-0.75

CA SUBSCRIBER PRICE

STN INTERNATIONAL LOGOFF AT 15:12:40 ON 11 DEC 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptaul56cxh

PASSWORD:

LOGINID/PASSWORD REJECTED

The loginid and/or password sent to STN were invalid.
You either typed them incorrectly, or line noise may
have corrupted them.

Do you wish to retry the logon?

Enter choice (y/N):

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptaul56

PASSWORD:

LOGINID/PASSWORD REJECTED

The loginid and/or password sent to STN were invalid.
You either typed them incorrectly, or line noise may
have corrupted them.

Do you wish to retry the logon?

Enter choice (y/N):

Connecting via Winsock to STN

by Primary Examiner Cynthia Hamilton